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25X1A

PHOTOGRAPHIC INTERPRETATION REPORT

PIC/R-1578/64

October 1964

MISSION COVERAGE INDEX
MISSION [REDACTED] 5026

13 OCTOBER 1964

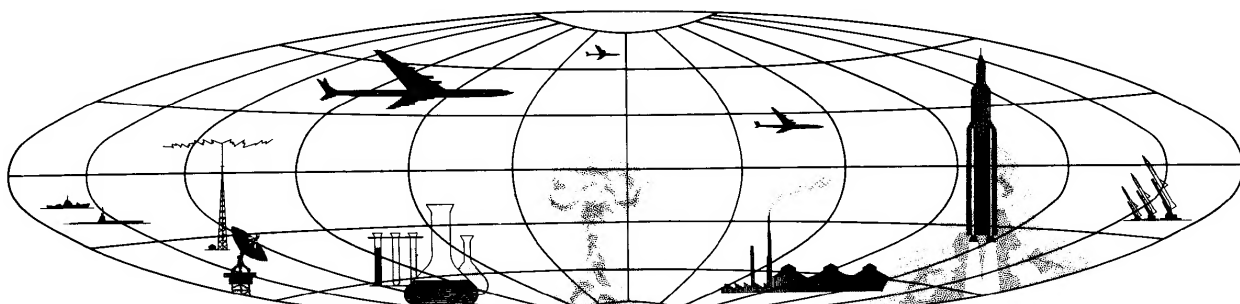


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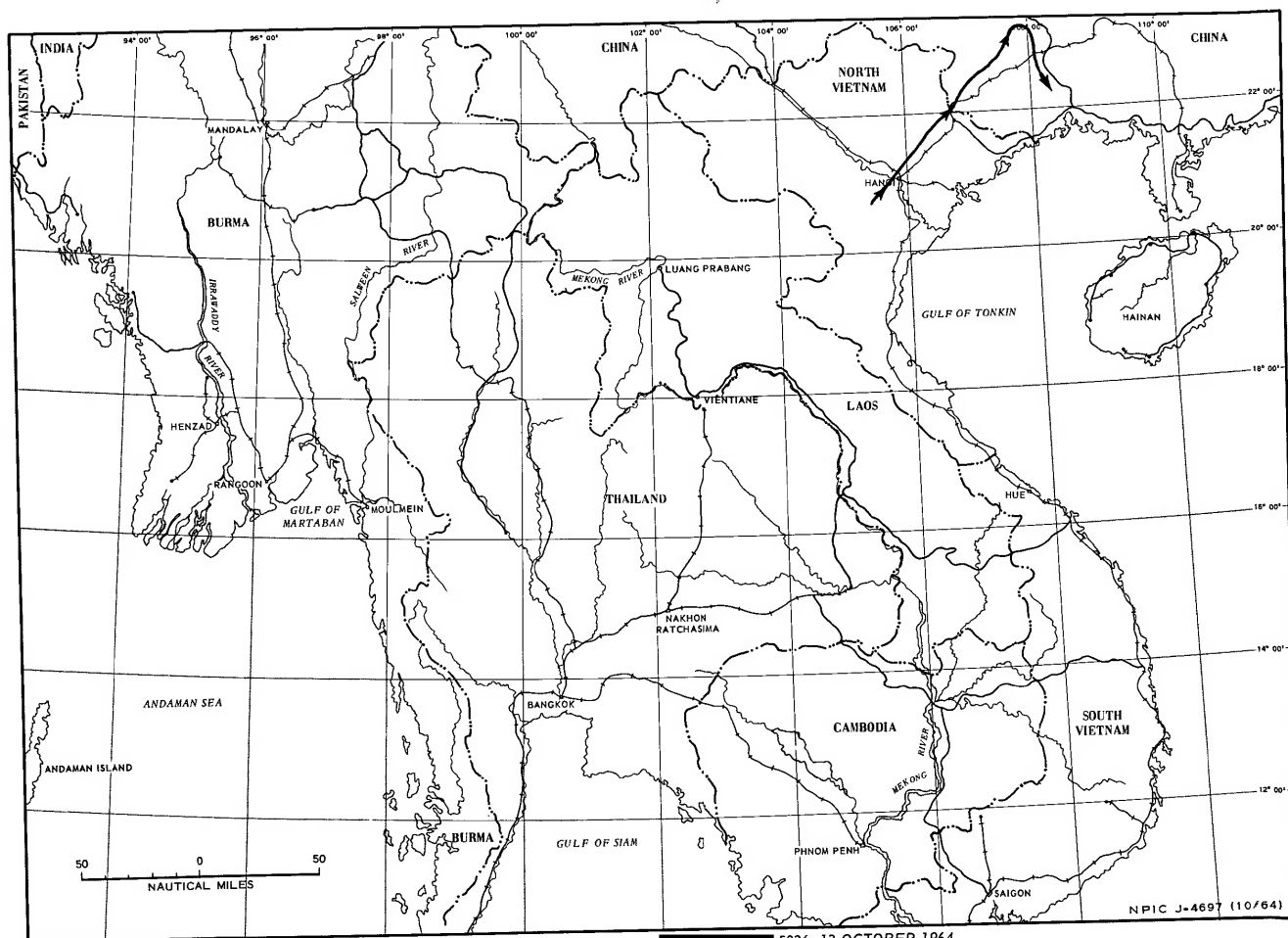
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GROUP 1
Excluded from automatic
downgrading and declassification

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NPIC/R-1578/64



APPROXIMATE TRACK OF MISSION 5026, 13 OCTOBER 1964

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PREFACE

25X1A THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF [REDACTED] MISSION 5026 DATED 13 OCTOBER 1964 COVERING CHINA AND NORTH VIETNAM. ITEMS ARE ARRANGED IN TWO SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH

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THE INFORMATION PRESENTED HEREIN IS
ESSENTIALLY ACCURATE; ADDITIONAL, DETAILED
ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE
INFORMATION.

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>AIR INSTALLATIONS</p> <p>NAN-NING AIRFIELD SOUTH 15 NM SW OF NAN-NING. 8,800 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE.</p> <p>FACILITIES INCLUDE A PARALLEL TAXIWAY WITH ONE CROSSOVER LINK, 2 ALERT APRONS, 2 PARKING APRONS (THE LARGER ONE CONNECTS TO A PARALLEL TAXIWAY BY 2 LINKS), A LARGE ADMINISTRATIVE BUILDING, ONE CONTROL TOWER, APPROXIMATELY 30 OTHER BUILDINGS, AND A POL STORAGE AREA IMMEDIATELY NW OF RUNWAY CENTER. HOUSING AREAS OBSERVED 0.1 NM NNW AND 2.5 NM WNW OF RUNWAY CENTER.</p> <p>DEFENSES INCLUDE 15 MEDIUM AAA SITES, REFERENCED AS FOLLOWS FROM RUNWAY CENTER.</p> <p>SITE A (9,000 FT NE) -- 6-GUN OCCUPIED. SITE B (5,700 FT NW) -- 4-GUN OCCUPIED. SITE C (6,000 FT WEST) -- 6-GUN OCCUPIED. SITE D (8,500 FT WEST) -- 6-GUN OCCUPIED. SITE E (11,000 FT WSW) -- 6-GUN OCCUPIED. SITE F (13,000 FT WSW) -- 6-GUN UNOCCUPIED. SITE G (13,000 FT WSW) -- 6-GUN UNOCCUPIED. SITE H (14,000 FT WSW) -- 6-GUN OCCUPIED. SITE I (17,000 FT WSW) -- 4-GUN OCCUPIED. SITE J (15,000 FT SSW) -- 8-GUN OCCUPIED. SITE K (13,500 FT SSW) -- 12-GUN OCCUPIED. SITE L (12,000 FT SSW) -- 6-GUN UNOCCUPIED. SITE M (6,400 FT SE) -- 6-GUN OCCUPIED. SITE N (7,200 EAST) -- 6-GUN OCCUPIED. SITE O (16,500 NE) -- 6-GUN OCCUPIED.</p> <p>AIRCRAFT -- 43 FAGOT/FRESCO (2 DISMANTLED)</p>	2236N 10810E	0615	25X1A [REDACTED]	14-D

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	AND ONE CRATE. (SEE ATTACHMENT 1) COMOR TARGET NO [REDACTED] 25X1A				
	MILITARY INSTALLATIONS				
	NING-MING, AAA SITES SOUTH 1.2 NM SOUTH OF NING-MING. FIVE OCCUPIED 4-GUN LIGHT AAA SITES AND ONE POSSIBLE 6-GUN LIGHT AAA SITE (OCCUPANCY UNDETERMINED). FROM 5 TO 8 SMALL BUILDINGS ARE ASSOCIATED WITH EACH AREA. AT LEAST 18 TRUCKS OBSERVED.	2207N 10703E	0615		30-C1
25X1D	[REDACTED]				
	NING-MING, AAA SITES NNW 1.2 NM NNW OF NING-MING ON BOTH SIDES OF THE NAN-NING--LANG SON RAILROAD. SIX OCCUPIED 6-GUN LIGHT AAA SITES OBSERVED.	2209N 10702E	0615		30-C
25X1D	[REDACTED]				
	HSIA-SHIH-CHIEH, AAA SITES 0.5 NM SE OF HSIA-SHIH-CHIEH. SIX OCCUPIED 6-GUN LIGHT AAA SITES AND ONE UNOCCUPIED 6-GUN LIGHT AAA SITE. EACH OCCUPIED SITE HAS FROM 5 TO 9 SMALL BUILDINGS AND A MOTOR POOL WITH FROM 7 TO 9 TRUCKS.	2207N 10653E	0616		9-E
25X1D	[REDACTED]				
	PING-HSIANG ORDNANCE DEPOT ONE NM NORTH OF PING-HSIANG IN A DRAW BETWEEN 2 STEEP HILLS. EIGHT STORAGE BUILDINGS DISPERSED ALONG AN IMPROVED DIRT ROAD. ENTRANCE TO AREA HAS A	2208N 10645E	0616	25X1A [REDACTED]	9-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	<p>MODIFIED T-SHAPED ADMINISTRATIVE BUILDING AND 4 STORAGE-TYPE BUILDINGS. COMOR TARGET NO [REDACTED] 25X1A</p> <p>ELECTRONICS/COMMUNICATIONS</p> <p>NING-MING, EW RADAR SITE 1.2 NM SOUTH OF NING-MING. SITE CONTAINS A TOKEN-TYPE RADAR WITH 3 SMALL BUILDINGS, 2 SMALL TENTS, AND ONE TRUCK.</p>	2207N 10703E	0615		30-D
25X1D	<p>NAN-NING AIRFIELD SOUTH, RADAR SITE 3 NM SW OF NAN-NING AIRFIELD SOUTH. ONE TOKEN RADAR WITH 5 TENTS, 4 TRUCKS, AND ONE SUPPORT BUILDING.</p>	2235N 10808E	0615		14-D1
25X1D	<p>BASIC SERVICES</p> <p>NING-MING, TRANSSHIPMENT POINT 1.2 NM NNW OF NING-MING. A SMALL RAIL YARD 3 TRACKS WIDE OBSERVED WITH A TRAIN STATION, 3 SMALL BUILDINGS AND SOME UNIDENTIFIED MATERIAL IN OPEN STORAGE AREA. NO TRANSSHIPMENT FACILITIES OBSERVED. SIX OCCUPIED LIGHT AAA SITES RING THE AREA (SEE NING-MING AAA SITES NNW, NPIC TARGET NO 0615 30-C). ONE PROBABLE ENGINE AND 18 RAIL CARS OBSERVED IN THE YARD. COMOR TARGET NO [REDACTED] 25X1A</p>	2209N 10702E	0615		30

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
URBAN COMPLEXES				
PING-HSIANG COMPLEX 3.5 NM EAST OF THE NORTH VIETNAM-CHINA BORDER, ON THE NAN-NING--LANG SON RAILROAD. MAJOR RAIL AND TRANSSHIPMENT COMPLEX INCLUDES A LARGE RAIL YARD WITH STORAGE AND MAINTENANCE FACILITIES, PROBABLE MILITARY HEADQUARTERS, BARRACKS AREA, 2 MILITARY STORAGE AREAS, AND NUMEROUS LIGHT INDUSTRIES. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D	2207N 10646E	0616	25X1A [REDACTED]	9
-NORTH VIETNAM-				
AIR INSTALLATIONS				
PHUC YEN AIRFIELD 5.8 NM ESE OF PHUC YEN. AIRFIELD APPROXIMATELY 40 PERCENT CLOUD COVERED. CONSTRUCTION APPARENTLY CONTINUES ON PROBABLE HANGAR AND AIRCRAFT REVETMENTS AT NE AND SW ENDS OF RUNWAY. HAZE PRECLUDES FURTHER INTERPRETATION. AIRCRAFT -- 5 UNIDENTIFIED SWEEP-WING FIGHTERS AND 3 UNIDENTIFIED AIRCRAFT. (SEE ATTACHMENT 2) COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D KEP AIRFIELD 1.1 NM WEST OF KEP.	2113N 10548E	0616	25X1A [REDACTED]	326-C
	2124N 10616E	0616	25X1A [REDACTED]	211

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>APPROXIMATELY 4,100 X 80 FT NE/SW SOD RUNWAY, SERVICEABLE. FACILITIES INCLUDE 6 WAREHOUSES AND 7 SUPPORT BUILDINGS. AIRCRAFT -- 4 CAB AND 3 HOUND OBSERVED THROUGH SCATTERED CLOUDS AND HAZE. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D</p> <p>LANG SON AIRFIELD ONE NM SE OF LANG SON. APPROXIMATELY 3,500 X 150 FT NNW/SSE SOD RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D</p> <p>MILITARY INSTALLATIONS</p> <p>XOM MAN AREA, POSSIBLE MILITARY CAMP 1.5 NM ESE OF XOM MAN AT UTM [REDACTED] 25X1D SECURED POSSIBLE MILITARY CAMP CONTAINS 6 BARRACKS, AN H-SHAPED MESS HALL, 3 ADMINISTRATIVE BUILDINGS, 19 STORAGE BUILDINGS, 6 SMALL SUPPORT BUILDINGS, AND 3 BUILDINGS UNDER CONSTRUCTION. ADDITIONAL SUPPORT BUILDING OBSERVED OUTSIDE FENCED CAMP AREA, AND TRAINING AREA OBSERVED AT NORTH EDGE OF CAMP. [REDACTED] 25X1D</p> <p>HOA BINH AREA, BARRACKS & STORAGE AREAS TWO SEPARATE AREAS 2.2 NM SSE OF HOA BINH. 25X1D AREA A (AT UTM [REDACTED] (HOA BINH ARMY</p>	<p>2150N 10646E</p> <p>2043N 10516E</p> <p>2047N 10520E</p>	<p>0616</p> <p>0616</p> <p>0616</p>	<p>25X1A [REDACTED]</p> <p>285</p> <p>317</p>	<p>119-A</p>

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25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1A</p> <p>BARRACKS BE [REDACTED]) -- SECURED BARRACKS AREA CONTAINS 11 BARRACKS, ONE ADMINISTRATION BUILDING, 2 MESS HALLS, 2 STORAGE BUILDINGS, AND 6 SUPPORT BUILDINGS.</p> <p>AREA B (ONE NM WSW OF AREA A AT UTM [REDACTED] (XOM CHANG ARMY SUPPLY DEPOT SOUTH HOA BINH BE [REDACTED]) -- IDENTIFICATION ONLY. 25X1A</p> <p>[REDACTED] 25X1D</p> <p>THUONG LAM AREA, MILITARY CAMP</p> <p>TWO AREAS IN THUONG LAM VICINITY (REFERENCED FROM THUONG LAM).</p> <p>25X1D</p> <p>AREA A (1.5 NM NNW AT UTM [REDACTED] -- BARRACKS AREA CONTAINS 15 BARRACKS, 5 ADMINISTRATION BUILDINGS, 4 MESS HALLS, 6 STORAGE BUILDINGS, SEVERAL MISCELLANEOUS BUILDINGS AND 3 VEHICLE SHEDS.</p> <p>25X1D</p> <p>AREA B (1.4 NM NNW AT UTM [REDACTED]) -- TRENCHES, WEAPONS, AND MOVING TARGET RANGES OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>XUAN MAI ARMY BARRACKS NNW HOA MUC</p> <p>WEST EDGE OF HOA MUC AT UTM [REDACTED] 25X1D</p> <p>AREA CONTAINS 9 BARRACKS, 5 ADMINISTRATIVE BUILDINGS, 7 VEHICLE/EQUIPMENT STORAGE BUILDINGS, APPROXIMATELY 24 SUPPORT AND STORAGE BUILDINGS, 6 REVETTED EXPLOSIVE STORAGE BUILDINGS, AND 3 MESS HALLS. TWO 8-GUN OCCUPIED AAA SITES AND AT LEAST TWO 8-GUN UNOCCUPIED AAA SITES OBSERVED. EXTENSIVE</p>	<p>2049N 10539E</p> <p>2057N 10535E</p>	<p>0616</p> <p>0616</p>	<p>230-A</p> <p>25X1A</p> <p>261-A</p>	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
TRENCHING SCATTERED THROUGHOUT. [REDACTED] 25X1D				
HA DONG ARMY BARRACKS SW 25X1D 2.1 NM SW OF HA DONG AT UTM [REDACTED] SECURED AREA CONTAINS 21 BARRACKS, 7 ADMINISTRATIVE BUILDINGS, 16 STORAGE BUILDINGS, 2 POSSIBLE AMMUNITION STORAGE BUILDINGS, 17 MISCELLANEOUS BUILDINGS AND SHEDS, AND ONE GUARD TOWER. [REDACTED] 25X1D	2057N 10545E	0616	25X1A [REDACTED]	256
HANOI AREA, AAA DEFENSES THREE AAA SITES IN HANOI VICINITY (REFERENCED FROM HANOI RAIL CLASSIFICATION YARD). EIGHT-GUN OCCUPIED MEDIUM AAA SITE, 7.2 NM SW, AT UTM [REDACTED] (SEE ATTACHMENT 3). EIGHT-GUN OCCUPIED MEDIUM AAA SITE, 6.8 NM WEST, AT UTM [REDACTED] (SEE ATTACHMENT 4). EIGHT-GUN OCCUPIED MEDIUM AAA SITE, 8 NM SW, AT UTM [REDACTED] (SEE ATTACHMENT 5). [REDACTED] 25X1D	2101N 10551E	0616		112-K
25X1D 25X1D 25X1D				
25X1D DUC THANG ARMY BARRACKS NE 25X1D ONE NM NE OF DUC THANG AT UTM [REDACTED] AREA CONTAINS 9 BARRACKS, 2 ADMINISTRATION BUILDINGS, 3 MESS HALLS, AND 14 STORAGE BUILDINGS. [REDACTED] 25X1D	2121N 10559E	0616	25X1A [REDACTED]	204
BAC NINH ARMY BARRACKS 25X1D NORTH EDGE OF BAC NINH AT UTM [REDACTED] AREA, SURROUNDED BY MOAT, CONTAINS 7 MULTISTORY BARRACKS, 30 STORAGE BUILDINGS, ONE REVETTED STORAGE BUILDING, 5 ADMINISTRATION	2111N 10603E	0616	25X1A [REDACTED]	206-A

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	BUILDINGS, 3 MESS HALLS, AND 21 MISCELLANEOUS BUILDINGS. AN ATHLETIC FIELD OBSERVED NORTH OF THE BARRACKS. APPROXIMATELY 50 STACKS OF UNIDENTIFIED MATERIAL OBSERVED IN OPEN STORAGE. [REDACTED]				
25X1D	BAC NINH AREA, BARRACKS AREA NE TAI CAU 2.2 NM NE OF BAC NINH ON NORTH EDGE OF THAI CAU AT UTM [REDACTED]. 25X1D MILITARY CAMP CONTAINS 32 BARRACKS, 9 ADMINISTRATIVE BUILDINGS, 9 STORAGE BUILDINGS, 4 MESS HALLS, AND APPROXIMATELY 10 SUPPORT BUILDINGS. [REDACTED]	2111N 10605E	0616		206-C
25X1D	BAC NINH ARMY BARRACKS NE DAP CAU 1.8 NM NE OF BAC NINH ON SW EDGE OF THAI CAU AT UTM [REDACTED]. 25X1D MILITARY CAMP CONTAINS 90 BARRACKS-TYPE BUILDINGS, 3 AMMUNITION STORAGE BUILDINGS, 6 MESS HALLS, AND 8 MISCELLANEOUS BUILDINGS. TWO ATHLETIC FIELDS AND SCATTERED TRENCHING OBSERVED. TWO TRUCKS AND 4 UNIDENTIFIED VEHICLES OBSERVED. [REDACTED]	2112N 10605E	0616	25X1A [REDACTED]	206-B
25X1D	TRAI THON, BARRACKS AREA ONE NM NE OF TRAI THON AT UTM [REDACTED]. AREA CONTAINS 11 BARRACKS, ONE LARGE AND 2 SMALL ADMINISTRATION BUILDINGS, AND 7 SUPPORT BUILDINGS. AN ATHLETIC FIELD OBSERVED ON THE NW EDGE. VEHICLES -- NONE OBSERVED. [REDACTED]	2120N 10609E	0616		238-E
25X1D	[REDACTED] approved For Release 2000/04/17 : CIA-RDP78B04560A004100010009-4				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AREA A -- A TRANSMITTER BUILDING, 2 COOLING PONDS, AND AT LEAST 4 SMALL SUPPORT BUILDINGS.</p> <p>AREA B -- APPROXIMATELY 10 ADMINISTRATIVE/ HOUSING BUILDINGS.</p> <p>SCATTERED CLOUDS AND HAZE PRECLUDE FURTHER INTERPRETATION.</p> <p>25X1D</p> <p>INDUSTRY</p> <p>BAC GIANG CHEMICAL FERTILIZER PLANT U/C 2 NM NORTH OF BAC GIANG (PHU LANG THUONG). APPROXIMATELY 20 INDUSTRIAL BUILDINGS, 2 PROBABLE STORAGE SILOS, 2 GASOMETERS, AND POWER PLANT UNDER CONSTRUCTION. ALSO OPEN STORAGE, WATER INTAKE FACILITY AND LARGE LATTICE MAST IN CENTER OF PLANT. APPROXIMATELY 50 WORKERS QUARTERS ADJACENT TO EAST SIDE. (SEE ATTACHMENT 6)</p> <p>COMOR TARGET NO 25X1A</p> <p>25X1D</p> <p>BASIC SERVICES</p> <p>DONG DANG RAILROAD YARD</p> <p>0.5 NM SOUTH OF DONG DANG.</p> <p>FACILITIES CONSIST OF MARSHALLING YARD, APPROXIMATELY 1,300 FT LONG X 6 TRACKS WIDE, WITH TURNTABLE AT END, A PASSENGER STATION, A FREIGHT STATION, APPROXIMATELY 8 WAREHOUSES, AND 5 SUPPORT BUILDINGS. APPROXIMATELY 80 RAIL CARS OBSERVED IN THE MARSHALLING YARD.</p> <p>COMOR TARGET NO 25X1A</p>	<p>2118N 10612E</p> <p>2156N 10641E</p>	<p>0616</p> <p>0616</p>	<p>25X1A</p> <p>25X1A</p>	<p>238-C</p> <p>357</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]				
STORAGE				
MAI LINH, STORAGE SITE 25X1D 0.8 NM EAST OF MAI LINH AT UTM [REDACTED] SECURED SITE CONTAINS 4 LARGE CAMOUFLAGED AND 3 SMALLER STORAGE BUILDINGS AND 9 SUPPORT BUILDINGS. [REDACTED] 25X1D	2056N 10545E	0616		256-D
URBAN COMPLEXES				
BAC GIANG COMPLEX COMMERCIAL CENTER ON THE HANOI--LANG SON RAIL LINE COMPRISES RAILROAD CLASSIFICATION YARD (1,600 FT LONG X 4 TRACKS WIDE), SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE BE [REDACTED] AT SOUTH EDGE OF COMPLEX, AND LARGE CHEMICAL FERTILIZER PLANT UNDER CONSTRUCTION 2 NM NORTH OF BAC GIANG. COMOR TARGET NO [REDACTED] 25X1A [REDACTED] 25X1D	2117N 10612E	0616	25X1A [REDACTED]	238
LANG SON COMPLEX AT JUNCTION OF ROUTE 1 AND ROUTE 4. TRANSPORTATION CENTER CONTAINS 2 RAILROAD 25X1A STATIONS (LANG SON RR YD NORTH BE [REDACTED] AND LANG SON RR YD MAIN BE [REDACTED], A 25X1A RAILROAD/HIGHWAY BRIDGE (LANG SON RR AND HIGHWAY BR OVER SONG KY CUNG R BE [REDACTED], AND A MILITARY BARRACKS AREA (LANG SON ARMY 25X1A BARRACKS BE [REDACTED], SEE NPIC TARGET 0616-119-C). 25X1A	2151N 10645E	0616	25X1A [REDACTED]	119

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
COMOR TARGET NO 25X1A [REDACTED] 25X1D				

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SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-NORTH VIETNAM-				
AIR INSTALLATIONS			25X1A	
HOA BINH AIRFIELD [REDACTED] 25X1D	2049N 10520E	0616	[REDACTED]	115-B
MILITARY INSTALLATIONS				
XUAN MAI HEADQUARTERS 338 INFANTRY DIVISION [REDACTED] 25X1D	2054N 10535E	0616	[REDACTED]	261
CHUC SON ARMY BARRACKS NORTH [REDACTED] 25X1D	2056N 10543E	0616	[REDACTED]	256-C
HA DONG, MILITARY CAMP NW [REDACTED] 25X1D	2058N 10546E	0616		256-B
BASIC SERVICES				
BAC GIANG--LANG SON RR REALIGNMENT [REDACTED] 25X1D	2123N 10616E	0616		400

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Over-head Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

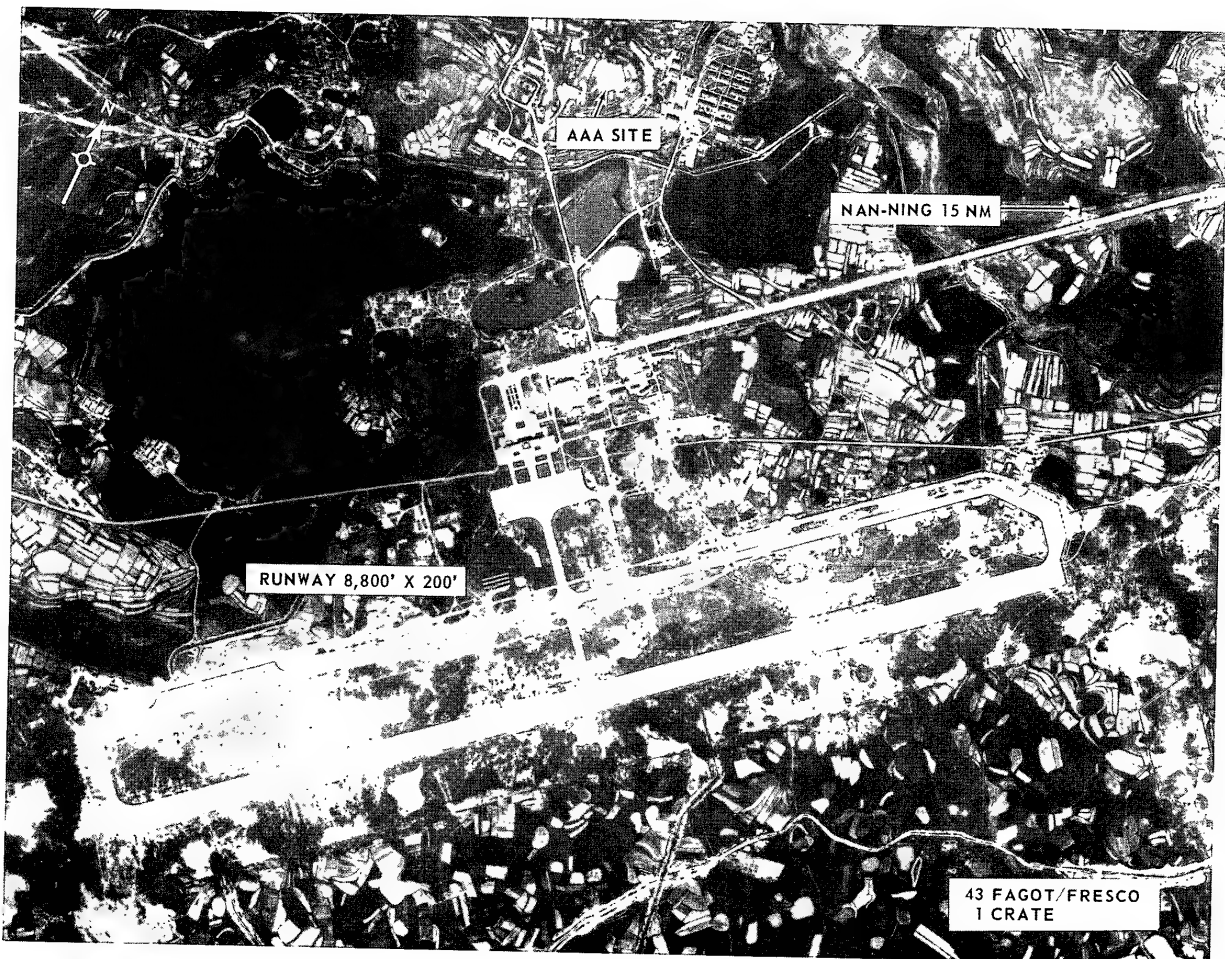
The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

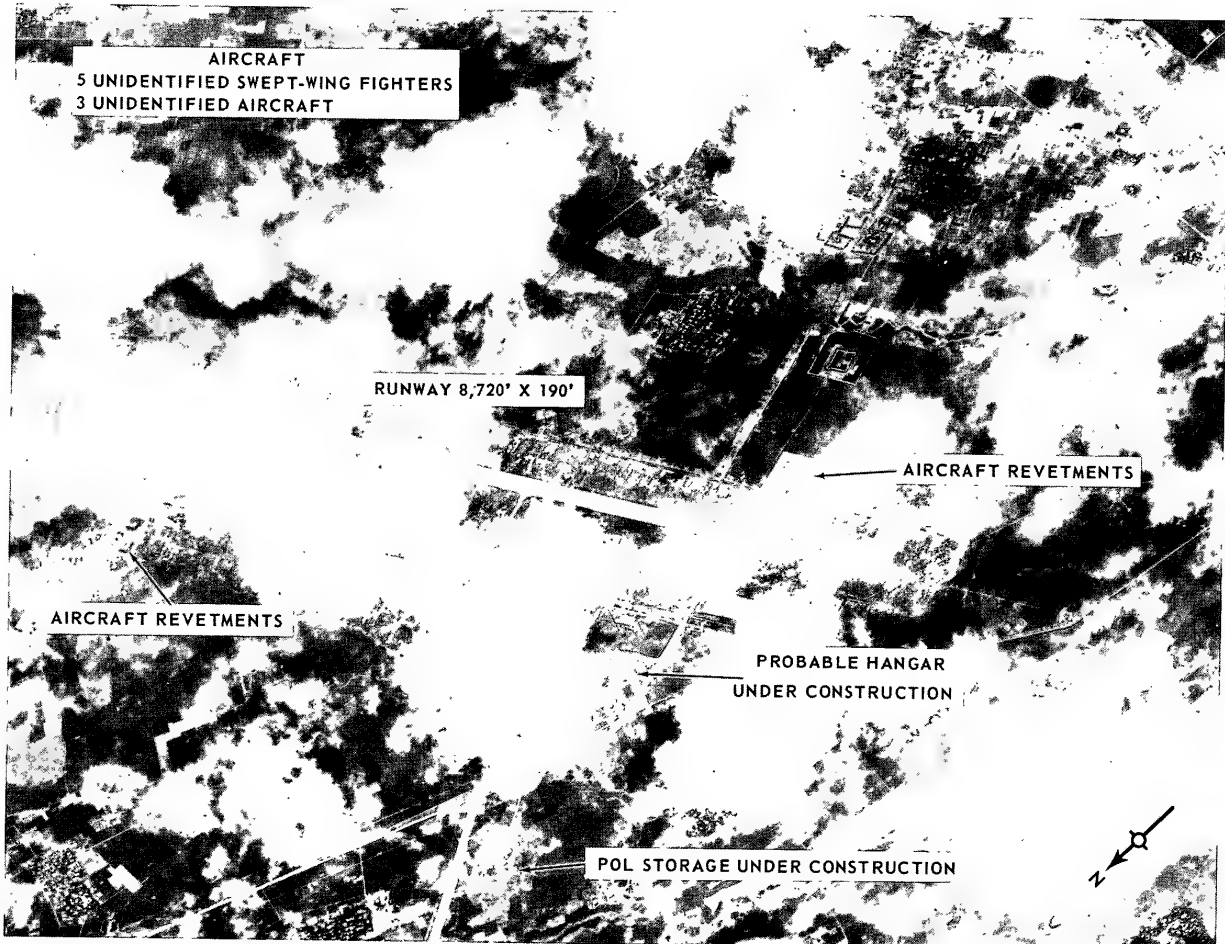
SECRET
NO FOREIGN DISSEM

NPIC/R-1578/64
ATTACHMENT 1



SECRET
NO FOREIGN DISSEM

NPIC/R-1578/64
ATTACHMENT 2



PHUC YEN AIRFIELD, NORTH VIETNAM

NPIC J-4699 (10/64)

SECRET
NO FOREIGN DISSEM

NPIC/R-1578/64
ATTACHMENT 3



HANOI AAA SITE AT UTM [REDACTED] NORTH VIETNAM

NPIC J-4700 (110/64)

Approved For Release 2000/04/17 : CIA-RDP78B04560A004100010009-4

SECRET

SECRET
NO FOREIGN DISSEM

NPIC/R-1578/64
ATTACHMENT 4



HANOI AAA SITE AT UTM [REDACTED] NORTH VIETNAM

NPIC J-4701 (10/64)

Approved For Release 2000/04/17 : CIA-RDP78B04560A004100010009-4
25X1D

SECRET

SECRET
NO FOREIGN DISSEM

NPIC/R-1578/64
ATTACHMENT 5



HANOI AAA SITE AT UTM [REDACTED] NORTH VIETNAM

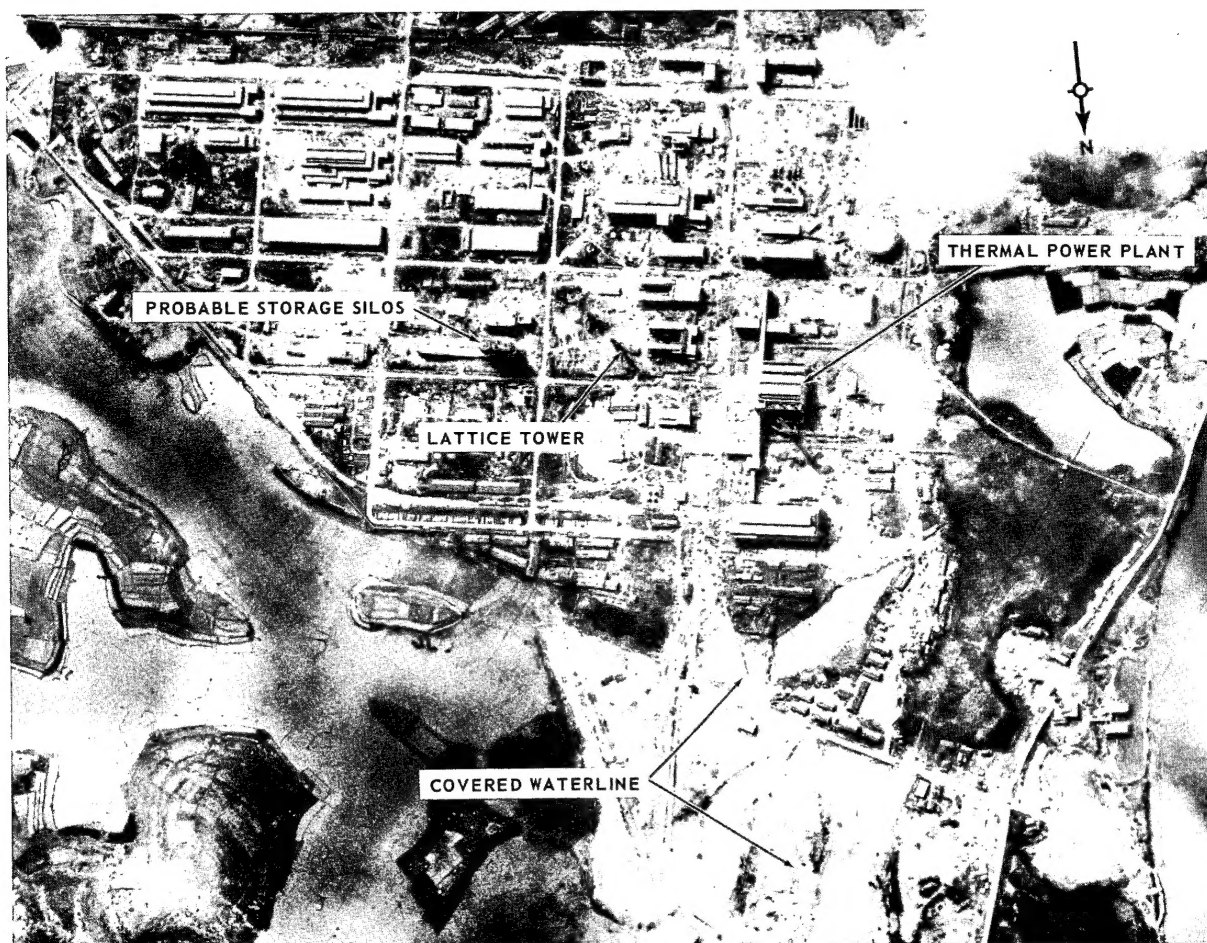
NPIC J-4702 (10/64)

Approved For Release 2000/04/17 : CIA-RDP78B04560A004100010009-4

SECRET

SECRET
NO FOREIGN DISSEM

NPIC/R-1578/64
ATTACHMENT 6



BAC GIANG CHEMICAL FERTILIZER PLANT UNDER CONSTRUCTION, NORTH VIETNAM

NPIC J-4703 (10/64)

Approved For Release 2000/04/17 : CIA-RDP78B04560A004100010009-4

SECRET